

FOLIO



National Champions! Congratulations to the Pandas Track and Field team who won their first ever CIAU national title at the University of Windsor, 15 and 16 March. Four All Canadians were Kirsten Madsen, Patti Lehnhoff, Birgit Otto, and Mary Burzinski, who came second in the 4 x 800m relay. Mary Burzinski also took second place in the 1,000 m dash, gaining All Canadian status in that event as well.

Alfred Fisher to Compose Orchestral Work

Since the age of three, Alfred Fisher has been involved in music and by the time he was 11 he was composing. Therefore, it comes as no surprise that Dr. Fisher will spend his time as a McCalla Professor composing an orchestral piece of music for the Edmonton Symphony.

According to Dr. Fisher, he has a natural bent for the dramatic situation and his work for the Symphony will include not only the musical adaptation but will provide for dance interpretation as well, although the piece of work will be able to stand on its own. Dr. Fisher intends to "tell a story." In his own words, "As a composer, I am aware of several interactive levels in the composite narrative structure. The basic theoretical assumption in my work is that what creates coherence and organicity in music is the 'property' of transformability: that musical elements may be not only ordered and reordered, but that they may be so processed as to sustain, indeed reinforce both the fundamentality of the elements themselves and the unbroken pertinacy of their transformed representative."

Dr. Fisher is a composer and theorist and currently is involved in composition research. The Professorship will free him to devote the

necessary time to compose a 20 to 25-minute "suite" "based on a scenario that will stand independently as a concert piece but, through design, color, gesture, as well as the previously mentioned narrative perspective, will lend itself naturally to choreography." He hopes to have the work completed by September, 1986.

He sees the piece as a serious statement and has numerous ideas as to

the kind of music he would like to work out. Yet Dr. Fisher emphasizes that the "suite" will be "accessible", meaning that the audience will be able to appreciate and understand it.

Dr. Fisher already has had some 30 pieces published and/or performed and he is the recipient of numerous awards and recognitions including Composer-in-Residence, Banff School of Fine Arts, the Presser Foundation

Prize, and several Canada Council grants. He received his undergraduate music degree from Boston University and his postgraduate degrees from Michigan State University. His specific interests are composition, theory, analysis, 19th and 20th century history, music appreciation, interdisciplinary courses and piano. □

Bessai's McCalla Project

The critical study of the collective creation as a specifically important factor in the developing English Canadian drama of the 70s, both in itself as a new native dramatic expression and for its direct and indirect influence on contemporary playwriting, will be the research project undertaken by Diane Bessai, English, during her McCalla Professorship.

Dr. Bessai points out that "during an intense period of Canadian professional theatre development in the 70s, certain companies of the alternative theatre movement devised their own performance tests through the combined efforts of actors, a director and usually, a writer." This characteristic collective approach was to investigate documentary material on an agreed subject from the Canadian present or past, improvise scenes and characterizations, gradually shaping the material into dramatic form.

The motive, according to Dr. Bessai, was in part prompted by the "absence of a substantial body of modern Canadian plays". It was also prompted by the current interest in radical theatricality so that in their approach to the new material, the collective companies were intent on the challenges of the open playing space and the possibilities of presentational performance (as opposed to representational) for the displacement of conventional audience-performer relationships.

Dr. Bessai contends that "writers, when they were employed, were participants in the collective process rather than initiators or sole authors of the plays, but their involvement in the process in several important

instances was important to their further development as dramatists". Consequently, features of the collective creation are inherent in certain individually scripted plays of the period. The collective creation, with or without a playwright, becomes an important subject for critical as well as theatrical examination.

Dr. Bessai has been developing the basic rationale of this study for a number of years and will use, in particular, three of her published essays: "Documentary Theatre in Canada: An

Investigation into Questions and Backgrounds"; "The Regionalism of Canadian Drama"; and "Documentary into Drama: the Donnelly Trilogy"; to formulate the principles of her approach.

Once her study is complete, Dr. Bessai is "optimistic" that it will be published as part of a new series of critical studies on Canadian dramatists planned by the Toronto theatre publishers Simon and Pierre, under the editorship of Professor Christopher Innes of York University. □

Specialist in Animal Care to Present J.G. O'Donoghue Memorial Lecture

Jim Ashman, Supervisor of the Animal Care Program, Animal Industry Branch, Ontario Ministry of Agriculture and Food, will give the J.G. O'Donoghue Memorial Lecture at 8 p.m., 27 March in Tory LB1.

Dr. Ashman, who is currently a scientific advisor to the World Society for the Protection of Animals, will discuss "Humaneness of Intensive Agriculture".

The lecture commemorates the memory of the late Dr. J.G. O'Donoghue who was the extension veterinarian with Alberta Agriculture for many years. Subsequently, he was Director of Veterinary Services, Assistant Deputy Minister and finally Deputy Minister of Agriculture. Dr.

O'Donoghue lectured in veterinary medicine in the Faculty of Agriculture and Forestry at the University during most of his career with the government. A trust was established by his family, friends and colleagues with the income generated by this fund, along with matching grants from the Alberta government, being used to fund the Memorial Lectures.

The lecture is aimed primarily at the pre-veterinary and animal science students but will be of interest to faculty, graduate students, veterinarians and the public at large. Parking has been arranged for Zone E, immediately north of Earth Sciences and Tory Buildings, and also in Windsor Car Park. □

FOLIO

Volume Twenty-one
Number Thirty-one

The Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325

All enquiries and correspondence should be directed to:
Ron Thomas
Editor

The Office of Community Relations produces Folio on a regular basis for the staff and other interested persons. Folio contents may be reprinted with acknowledgment.

ISSN 0015-5764

Copyright 1985

Nursing Research—the First Step

"Nursing research should be part of everyday nursing, not just for academics," Jennifer Hunt, Director of Nursing Services at the Royal Marsden Hospital in London, England, emphasized during her 11 to 15 March term as Distinguished Visitor to the Faculty of Nursing.

Dr. Hunt has been involved in nursing research since 1967. Wanting to combine the academic side and stimulus of research with her nursing skills, she has conducted many research investigations and helped other nurses implement research findings in everyday nursing care.

Although nursing research findings are available, they are not always used, and it is the implementation aspect that Dr. Hunt terms her "pet project." She calls it "bridging the gap", and says that talking to nurses, helping with the research and encouraging them to do something within their capabilities helps nurses to develop an interest in nursing research.

There are three main stages of research and implementation to go through, she explained; the descriptive study, experimental implementation and permanent implementation if the

treatment is successful in its test trials.

One of Dr. Hunt's first research projects at the Royal Marsden was the study of hair loss, which is a side effect of chemotherapy. A study was conducted on breast cancer patients to determine if "scalp cooling" is effective in reducing hair loss in patients who have been given certain drugs such as Adriamycin, an anti-tumorigenic. "Scalp cooling" requires a cold pack to be applied to the heads of patients for 15 minutes before and 30 minutes after chemotherapy.

In England, the "hot/cold packs" used (the North American equivalent is "freezer packs") contain a fluid which can be partially frozen and molded to a patient's head. Although the sensation is very uncomfortable, the success rate stands at 78 percent.

Dr. Hunt has also been involved in studies on patients suffering long-term pain. A survey of 100 patients revealed a great deal about the location and intensity of pain, and the effect of the prescribed treatment. A wider survey of family, friends and health care professionals revealed that the health care professional's percep-

tion of pain was different from that of the patient. This study helped researchers develop a standardized pain assessment chart to document all kinds of pain, and this provides information for better control of pain.

Communication is an important aspect of Dr. Hunt's research, and she helped make a videotape that will be used to teach communication skills to nurses in training. The tape, filmed over three days, recorded live sessions of nurses as they worked with cancer victims. "It's a stimulus tape," said Dr. Hunt. "The teacher can ask students what they thought about communication with the patient, and how they thought the situation should be handled."

The tape has been edited and can be shown in segments, each one dealing with a different situation. More tapes are in production on care of the elderly, communication with children and their parents, and communication with the mentally handicapped.

During her visit, Dr. Hunt consulted with medical personnel at the Cross Cancer Institute and the Edmonton General, Royal Alexandra and University Hospitals. She also gave a public lecture entitled "Clinical Nursing Research: Developing Awareness and Skills in Nursing Staff," and conducted a teleconference for the Alberta Hospital Association on "Pain Management in Oncology Nursing." □

Music of India Festival

The full range of the music of India, from classical to folk music, will be heard at the Music of India Festival, 28 March to 4 April.

Sponsored by the University of Alberta Steering Committee of the Shastri Indo-Canadian Institute, in cooperation with the Council of India Societies and the Indian Students' Association, the Festival offers three musical experiences.

"Raga Magic: A Classical Concert", with vocalist and instruments, takes place on Thursday, 28 March at 8 pm in the Students' Union Theatre. "Indian Music Workshop" offers an introduction to the basics of Indian music and instruments on Tuesday, 2 April, 11 a.m. to 2 p.m., 2-34 Fine Arts Building. The Festival concludes with "Gala of Folk Music" on Thursday, 4 April, at 8 p.m. in the Stu-

dents' Union Theatre.

This program is funded through a grant from Alberta Culture and also receives financial support from the Council of India Societies. There is no admission fee and the events are open to staff, students and the public.

The Shastri Indo-Canadian Institute was established in 1968 by the Government of Canada and the Government of India. Fifteen Canadian universities and the National Library of Canada are involved and the purpose of the Institute is to promote mutual understanding through academic and cultural programs. The University of Alberta has been a member of the Institute for about seven years and the Steering Committee is under the jurisdiction of the Dean of Arts.

For further information call R. Qureshi, 432-5361. □

Want Time to Think? Use CAI!

"Using the Computer as a Tool, Tutor and Tutee" was Gene Romaniuk's subject at a recent CITL-sponsored session.

In an interview with *Folio* later, Dr. Romaniuk, Associate Chairman of Educational Psychology, and an enthusiastic proponent of computer-assisted instruction (CAI) whittled his lecture down to a few telling points:

- Faculty who are not computer literate should take some CAI courses themselves, to discover its possibilities. They could be surprised.

- Academics benefit from using CAI to instil facts and impart skills.
- Students benefit, too: they can learn at their own pace, repeating or moving on as they wish.
- When computer-assisted instruction is allowed to take over the repetitive work of instilling facts and imparting skills, professors will have time again...time to counsel...to inspire...and to research.
- And those, after all, are the true functions of the professor. □

Gilpin Memorial Scholarships Awarded

The R.R. Gilpin Memorial Scholarships were recently presented to two graduate students from the Department of Mechanical Engineering.

Mrs. R.R. Gilpin awarded cheques of \$750 each to Larry Kostiuk and Glen Rovang at a dinner reception at the Faculty Club.

The scholarships were established in memory of Professor Gilpin who served in the department from 1970 to 1982. His innovative and fundamental research made him a leader within the department and brought him international recognition. The awards given in his name go to candidates who exemplify the intellectual curiosity and dedication which character-

ized Professor Gilpin.

Larry Kostiuk, a former resident of Pine Point, N.W.T., received his BSc degree in Mechanical Engineering from the University of Calgary in 1983. He also holds an NSERC Graduate Scholarship. His MSc thesis concerns the thermal performance of an insulated masonry structure.

Glen Rovang graduated from our University's Department of Mechanical Engineering in 1983. He was a winner of the Glatz Memorial Prize for the best design in his graduating year. Mr. Rovang, who is from Peace River, is currently finishing his thesis on the use of thermosyphons for efficient recovery of low grade heat. □

International Development Links

Delegations

- Thai Ambassador, Manaspas Xuto, was on campus on 14 March to discuss linkages between Thai universities and the University of Alberta.
- Heilongjiang August 1st Land Reclamation University on campus 12 to 20 March; 2 to 12 April, Faculty of Agriculture and Forestry China Project inception mission.

Meetings

- Faculty with interests in Thailand met on 14 March in University Hall.

Overseas

- Fred Wolfe, Chairman, Department of Food Science, will visit Bangkok, KhonKhaen and Chiangmai, Thailand, regarding university linkages, 17 to 31 March.

For further information or to place announcements relevant to the University's International Development Linkages, contact the International Briefing Centre, 234 Athabasca Hall, telephone 432-2958.

Efim Etkind: Distinguished Visitor

The Department of Comparative Literature, with the support of Romance Languages, and Slavic and East European Studies, is pleased to announce the visit of Efim Etkind of the Université de Paris, who will be Distinguished Visitor from 26 March to 13 April.

A graduate of the University of Leningrad, Professor Etkind moved to the West in the early seventies and was offered professorships at several universities, including some in America. He settled in Paris and, in his capacity as visiting professor, he taught at such universities as Texas (Austin), Harvard and Toronto. He is a member of the International Award Committee for the Neustad Prize in Literature, the most prestigious award, after the Nobel prize, given to a living writer.

Professor Etkind specializes in the following areas: French literature, Russian literature, comparative literature, theory of translation and theory of literature. He has published several books of which the following brought him an international reputation: *Les Romans de Zola des années 60* (1957); *Poetry and Translation* (1963); *Comparative Stylistics as a Foundation for the Theory of Translation* (1965); *Form as Content* (1977); and *The Matter of Verse* (1978). This latter work is probably the most significant contribution to

the theory of versification.

The Department of Comparative Literature would like to emphasize that Professor Etkind has a record of scholarly cooperation with the University of Alberta. Recently, he contributed an article to a collection of studies devoted to V. Aksénov which is to appear under the editorship of Edward Mozejko. A number of internationally renowned scholars participated in this endeavor.

During his stay on campus, Professor Etkind will give a mini-series of lectures and/or seminars on the following topics:

Wednesday, 27 March, 3 p.m., "The Poetry of Marina Tsvetaeva" (in Russian). 776 General Services Building. Friday, 29 March, 3:30 p.m., "Problems of Comparative Literature." Senate Chamber, Arts Building.

Monday, 1 April, 3 p.m., "The Requiem of Akhmatova" (in Russian). 776 General Services Building.

Tuesday, 2 April, 4:30 p.m., "Problems of Poetic Translation." Arts 17. Friday, 12 April, 3:30 p.m., "Modern Russian Literature in the USSR and in Exile." Senate Chamber, Arts Building.

Professor Etkind's presence on campus will give an excellent opportunity to both faculty and students to establish contact with a great scholar who willingly shares his experiences. □

Letters

Grad Students' Research Symposium "Support" by University Community

I have just taken part in an intellectual immersion by attending the Graduate Students' Research Symposium held on 4, 5 and 6 March. I listened to over forty papers and looked at a similar number of poster sessions. The Symposium, as I suspected, proved that the graduate program at the University need take second place to none. The over-all content of the papers was excellent and they were delivered in a thoroughly professional manner. Many of the poster presentations were superbly produced. Our graduates show a calibre of research ability which compares very favorably to any number of international scientific conferences that I have attended in recent years.

Any undergraduate student who went to this three-day symposium would have gained a better idea of what a university is all about than in three months of a regular term—and I would not restrict this observation to undergraduates.

More than 100 graduate students participated in this event. They were

enthusiastic and, almost without exception, the ones I talked to regarded the idea of the Symposium as a worthwhile endeavor and one which should be continued in some form. By my estimates about 400 people listened to the papers and visited the poster sessions over three days. For a university of about 24,000 students and academic staff this is a poor level of response. I was particularly disappointed and disconcerted to see that many participating departments had *none* of their faculty attend, nor indeed almost any of their graduate and undergraduate students other than those directly involved. If we, the academic community, cannot be supportive of our own programs we should not be surprised at the lack of sympathetic support by the larger public community.

I suggest that my colleagues read the recent article in *University Affairs*, March, titled "Is under-funding our major problem?", by the academic vice-president of Guelph. To paraphrase Dr. Clark, we had better start viewing ourselves as a university and less as a collection of sub-specialists. We evidently have a lot to learn about what makes a university.

Ian Campbell,
Professor of Geography

Service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

For Sale: (1) GAST Vacuum Pump, Model #VE779 230V, 60 Hz, 1/6HP
For more information telephone Marc Siegner, 432-3011.
For Sale: (1) AJ832 Printer. Can be used with AJ510 Computer Terminal.
For more information, telephone Dianna Bower, Medicine, 432-6621.

Coming Events

Music

Department of Music

- All events take place in Convocation Hall.
- 22 March, 8 p.m. Senior Student Recital—Julie Heroux, piano.
 - 23 March, 8 p.m. Senior Student Recital—Carmen Corbett, piano.
 - 24 March, 8 p.m. St. Cecilia Orchestra—Malcolm Forsyth, conductor. Tickets available at the Department of Music Office.
 - 25 March, 8 p.m. Senior Student Recital—Jeffrey Siegel, tenor.
 - 26 March, 8 p.m. Senior Student Recital—Roxanne Classen, piano.
 - 27 March, 8 p.m. Senior Student Recital—Mildred Reintjes, piano.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University administered funds. For further information about the purchase of equipment or the disposal of your department's surplus equipment, contact Jody Brookwell or Roy Bennett, telephone 432-3208.

For Sale: (1) AJ510 Computer Terminal
For further information, telephone B. Powers, 432-2587.

Wanted: (1) CO₂ Regulating Incubator for maintaining 37° C.
For further information, telephone H.F. Pabst, Department of Paediatrics, 432-6631.

29 March, 9:30 a.m. "Meet the Masters Series"—one in a series of masterclasses. Robert Aitkens, flute.

29 March, 8 p.m. Senior Student Recital—Gail Olmstead, piano.

30 March, 8 p.m. Candidate for the Master MMus degree for Applied Music—Milton Schlosser, piano.

31 March, 3 p.m. The University of Alberta Concert Band—Frank Dunnigan, conductor. Tickets available at the Department of Music Office.

31 March, 8 p.m. Senior Student Recital—Judy Wishloff, trumpet.

1 April, 4:30 p.m. "Meet the Masters Series"—Rosalyn Tureck, piano. Tickets available at the Department of Music Office.

2 April, 2 p.m. "Meet the Masters Series"—Ian One of the series of masterclasses featuring Partridge, tenor. Tickets available at the Department of Music Office.

2 April, 8 p.m. Senior Student Recital—Constantine Shandro, piano.

Music of India Festival

28 March, 8 p.m. "Raga Magic: A Classical Concert." SUB Theatre.

2 April, 11 a.m. "Indian Music Workshop." 2-34 Fine Arts Building.

4 April, 8 p.m. "Gala of Folk Music." SUB Theatre.

Exhibitions

Ring House Gallery

Until 14 April. "Contemporary Japanese Prints." An exhibition consisting of 80 prints produced since 1954 by 40 leading Japanese artists.

Until 21 April. "The Second Link: Viewpoints on Video in the Eighties." An international travelling video art show.

Lectures and Seminars

Forestry

21 March, 2 p.m. James D. Arney, Forest Biometrist, Potlatch Corporation, Lewiston, Idaho, "Predicting Yields in Managed Stands and Related Topics." 2-1 Mechanical Engineering Building.

28 March, 3:30 p.m. Peter Rennie, Agriculture Canada, Canadian Forestry Service, Ottawa, "Air Pollution and Forest Resources: The Nature of the Threat." 2-1 Mechanical Engineering Building.

Renaissance and Medieval Guild

21 March, 3:30 p.m. Enrico Musacchio, "Dante and the Golden Mean." L-2 Humanities Centre.

Entomology

21 March, 4 p.m. Niels P. Kristensen, Zoologisk Museum, Copenhagen, "The Early Evolution of the Lepidoptera, a Case Story of Additive Tylogenesis." TBW-1 Tory Breezeway.

4 April, 4 p.m. R.B. Aiken, "Life in the Wet Lane: Life History and Reproductive Biology of an Aquatic Beetle." TBW-1 Tory Breezeway.

Ring House Gallery

21 March, 5 p.m. Lorne Falk, organizing curator of *The Second Link: Viewpoints on Video in the Eighties*, "The Question of Hope—From Violent Painting to Outer Space." Ring House Gallery.

Art and Design

21 March, 5 p.m. Bruce Bentz, industrial designer, will discuss his own work. 2-20 Fine Arts Building.

22 March, 2:30 p.m. Barbara Brooks-Maywood, sculptor, and Phil Mann, painter, will discuss their own work. 2-20 Fine Arts Building.

Medicine

22 March, 8 a.m. J. Burton, "Early Intervention in Acute Myocardial Infarction." 2-115 Clinical Sciences Building.

22 March, 9:30 a.m. Leonard Swischuk, University of Texas, "Emergency Radiology of the Child." University Hospital Amphitheatre.

22 March, 11 a.m. Dr. Swischuk, "Neonatal Chest Radiology." Auditorium, Royal Alexandra Hospital.

22 March, noon. Luke van Putten, Institutes of the Division for Health Research Tno, Rijswijk, Holland, "How Important is Tumor Hypoxia in Fractionated Radiotherapy?" Multi-Purpose Room, Cross Cancer Institute.

Physics

22 March, 2 p.m. B.L. White, University of British Columbia, "Undergraduate Physics in an Anti-laboratory." V-121 Physics Building.

Geography

22 March, 3 p.m. Colin E. Thorn, University of Illinois, Urbana-Champaign, "Contemporary Surficial Processes on the Alpine Tundra, Front Range, Colorado." 3-36 Tory Building.

29 March, 3 p.m. Edward Relph, University of Toronto, "Violent and Non-Violent Approaches to Geography." 3-36 Tory Building.

Comparative Literature

22 March, 3:15 p.m. Edith Gruber, "The Significance of Translations for the Development of Spanish Romanticism." Senate Chamber, Arts Building.

Zoology

22 March, 3:30 p.m. Jaap Kalff, Department of Biology, McGill University, "Phytoplankton and Macrophyte Ecology: An Ecological Journey." 345 Earth Sciences Building.

29 March, 3:30 p.m. Bill Van Scheik, "Cormorant Thermoregulation." 345 Earth Sciences Building.

Lutheran Campus Ministry

22 March, 5:30 p.m. The Rev. Dr. Martin E. Marty, Fairfax M. Cone Distinguished Service Professor of the History of Modern Christianity, University of Chicago, will speak at the annual Friends of Lutheran Campus Ministry Dinner on "From the Cathedral's Shelter: Church and University into the 21st Century." For further details, contact Rev. Stephen Larson, Lutheran Campus Pastor, 158C SUB, or telephone 432-4513.

Area Studies Committee on Africa and South Asia

25 March, noon. Anatole Romanuic, Statistics Canada, "On Some Aspects of African Demography." 14-6 Tory Building.

Plant Science

25 March, 1 p.m. Gerald Hoppé, "Growth Analysis of Various Forage Species." 1-06 Agriculture-Forestry Centre.

27 March, 1 p.m. Janice Zale, "Cold Hardiness in Winter Wheat." 1-06 Agriculture-Forestry Centre.

Soil Science

26 March, 12:30 p.m. G. Spiers, "Environmental Factors Influencing the Formation of Iron Oxides in Soils." 1-103 Tory Building.

2 April, 12:30 p.m. R. Sherstabetoff, "Classification and Mapping of Peatland Soils: An Historical Review." 1-103 Tory Building.

Music

26 March, 3:30 p.m. Brenda Dalen, "Alban Berg's

Chamber Concerto, Op. 15." 1-29 Fine Arts Building.

2 April, 3:30 p.m. Don Harris, "Music Education in the '80s and the Music Performance Group." 1-29 Fine Arts Building.

Business

27 March, noon. Distinguished Visitor in International Business Symposium Series. Neil Hood, Department of Marketing, University of Strathclyde, Scotland, "Educating Managers for International Business." Stollery Executive Development Centre, 5th Floor, Business Building.

3 April, 2 p.m. David J. Hickson, Professor of Organizational Analysis, The Management Centre, University of Bradford, England, "The University of Bradford Decision-Making Studies." 3-06 Business Building.

Sociology

27 March, 1 p.m. J.W. Osborn, A. Matejko and K.D. Prithipaul, "On the Nature of University Teaching." 5-15 Tory Building.

3 April, noon. R. Sydie, "Women Artists and Their Genius." 5-15 Tory Building.

Comparative Literature

27 March, 3 p.m. Efim Etkind, Université de Paris, "The Poetry of Marina Tsvetaeva" (in Russian). 776 General Services Building.

29 March, 3:30 p.m. Professor Etkind, "Problems of Comparative Literature." Senate Chamber, Arts Building.

1 April, 3 p.m. Professor Etkind, "The Requiem of Akhmatova" (in Russian). 776 General Services Building.

Botany

27 March, 4 p.m. John Pickard, "Shells, Snow, Skuas and Salt. The Vegetation of Vestfold Hills, East Antarctica." M-137 Biological Sciences Building.

3 April, 4 p.m. Brian Amiro, Whiteshell Nuclear Research Establishment, Pinawa, Manitoba, "Radioisotopes and Their Application in Botany." M-137 Biological Sciences Building.

Nursing

27 March, 4:30 p.m. Linda Garro, Department of Social and Preventive Medicine, University of Manitoba, "Modeling the Decision to Seek Treatment."

ment: Examples from Canada and Mexico." 3-101 Clinical Sciences Building.

Czechoslovak Society of Arts and Sciences

27 March, 7:30 p.m. Edward Mozejko, "The Poetry of Jaroslav Seifert," (a lecture on the 1984 Nobel prizewinner). 8-22 Tory Building.

Dr. J.G. O'Donoghue Memorial Lecture

27 March, 8 p.m. James Ashman, Animal Industry Branch, Ontario Ministry of Agriculture and Food, Guelph, and scientific advisor to the World Society for the Protection of Animals, "Humaneness of Intensive Agriculture." TLB-1 Tory Lecture Theatre.

Salter Reading Series

28 March, 12:30 p.m. Aritha van Herk, fiction writer, will read from her works. 2-42 Humanities Centre.

Gerontology

28 March, 12:30 p.m. A. Mohsen, "Work for the Elderly? Who Needs It?" 8-14 General Services Building.

Alberta Heritage Foundation for Medical Research

28 March, 2 p.m. Kanji Makatsu, Department of Pharmacology and Toxicology, Queen's University, "Disposition of Theophylline In Man and Experimental Animals." 2031 Dentistry-Pharmacy Centre.

Anthropology

28 March, 3:30 p.m. Linda Garro, Department of Social and Preventive Medicine, University of Manitoba, "Study of Intercultural Variation in Folk Medical Knowledge: A Comparison of Curers and Non-Curers." 14-6 Tory Building.

Devonian Botanic Garden

4 April, 8 p.m. Peter H. Raven, Director of Missouri Botanical Garden, St. Louis, "Crisis in the Tropics—Our Concern Too." Provincial Museum Auditorium.

Vacancy on GFC

Nominations are sought for one member of the non-academic staff to serve on General Faculties Council from July 1, 1985 to June 30, 1988.

Written nominations may be submitted to *Becky Hjartarson*, Assistant Secretary to GFC, 2-5 University Hall.

Deadline for receipt of nominations is 15 April 1985.

Films

Germanic Languages

27 March, 7:30 p.m. "Die Brücke" (1959), in black and white. Free admission. Arts 17.

Radio and Television

Radio

All programs broadcast on CKUA radio 580 AM and 94.9 FM.

23 March, 7 p.m. "University Concert Hall" presents "A Faculty Recital" with Norman Nelson, violin; Janet Scott-Hoyt, piano; and Mark Eeles, cello continuo.

Theatre

SUB Theatre

Happenings

28 March, 8 p.m. The U of A India Students' Association and the Shastri Indo-Canadian Institute present "Raga Magic: A Classical Concert."

31 March, 1:30 p.m. The Agakhan Ismailia Students' Association presents the religious play "Kader Dani." Tickets available from the AISA.

Films

22 March, 8 p.m. "The Tin Drum." German with English subtitles.

23 March, 8 p.m. "Conan the Destroyer" (1984).

24 March, 8 p.m. "The Terminator" (1984).

29 March, 8 p.m. "The Bounty" (1984).

30 March, 8 p.m. "The Cotton Club" (1984).

Studio Theatre

Until 30 March. "Dreaming and Duelling" and "The Suicide" will alternate nightly. Tickets available at the Studio Theatre Box Office (3-146 Fine Arts Centre) or at the door. For further information, telephone 432-2495.

Notices

General Faculties Council

GFC's next meeting is scheduled for 25 March at 2 p.m. in the University Hall Council Chamber.

1. Approval of the Agenda
2. Approval of the Minutes of 25 February 1985
3. Question Period
4. New Members of GFC 1985-86

Reports

5. Executive Committee Reports
- 5.1 Executive Committee Minutes of 18 February 1985
- 5.2 Executive Committee Minutes of 4 March 1985
6. Report of the Board of Governors
7. Report of the Nominating Committee

New Business

8. Computing Executive Group: Annual Report 1984
9. GFC Computing Committee: Annual Report 1984
10. Other Business

For information concerning this agenda, or any items which may have been added to the agenda at the GFC Executive Committee meeting of 18 March, members of the University community may telephone Becky Hjartarson, Assistant Secretary to GFC, 432-4733.

Student Course Evaluation Forms Available Through CITL

As the term is coming to an end, it is time to consider assessing what occurred during the preceding weeks. The University of Alberta is making a standard form available for instructors to be used as one instrument in his/her evaluation activity. The form, entitled the "Student Course Evaluation Form," is designed to provide diagnostic feedback on teaching and has been used for several years by many departments. It is suggested that the "Student Course Evaluation Form" be administered well before the last week of classes.

The required number of forms may be requested through Bente Roed Cochran, Coordinator of the Committee for the Improvement of Teaching and Learning, 2-30 Assiniboia Hall, telephone 432-2826.

Bookstore Closure

The University of Alberta Bookstore will be closed for its annual inventory 28 to 30 March. The store will reopen on Monday, 1 April.

GSA Schedules AGM

The Graduate Students' Association will hold its Annual General Meeting on Tuesday, 26 March, at 6 p.m. in the Back Room of the North Power Plant. All graduate students are invited to attend. For further information, call 432-2175.

Scholarships, Fellowships and Awards

Research Grants in Mental Retardation for Graduate Students

Donor: The National Institute on Mental Retardation. *Where tenable:* Canadian universities.

Level: Doctoral. *Field:* A broad range of fields relating to human services and mental retardation.

Value: Up to \$8,000. *Number:* Unspecified.

Duration: Academic year 1985-86. (Can be renewed if the research projects show results and can be published in related journals.) *Conditions:* Must be post-graduate students enrolled in doctoral program at Canadian universities; Canadian citizens or permanent residents; must state intent to pursue a career in Canada; must have definite research projects supported by an academic advisor or an NIMR associate or consultant; must be prepared to forward reports and/or publish their results.

Closing date: 30 April 1985. *Further information and application forms should be requested from:*

The Secretary, Bursaries and Grants Adjudicating Committee, National Institute on Mental Retardation, Kinsmen NIMR Building, York University Campus, 4700 Keele Street, Downsview, Ontario M3J 1P3. Telephone: (416) 661-9611.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Administrative Officer, Department of Physics

Applications are invited for the position of Administrative Officer, Department of Physics. The De-

partment of Physics is a large teaching and research department in the Faculty of Science.

Duties include full budget responsibilities (operating, capital and trust), personnel management, timetabling, student counselling and secretary to various Departmental committees.

This is an Administrative and Professional Officer position, reporting directly to the Chairman, with salary commensurate with qualifications and experience—minimum salary: \$34,425 per annum.

Applications, including a résumé and the names of 3 referees, should be sent to: Dr. G.L. Cumming, Chairman, Department of Physics, University of Alberta, 410 Physics Building, Edmonton, Alberta T6G 211.

Closing date for receipt of applications is 12 April 1985.

Staff Accountant

Applications are invited for temporary appointment until 31 October 1985 in the Office of the Comptroller.

Duties: To assist in accounting for a multi-million dollar research and endowment program, including review of expenditure reports and financial statements; to advise University staff and external agencies on the administration of research and trust accounts; to participate in developing computer systems and refining policies, procedures.

Qualifications: Professional accounting designation supplemented by experience with computerized accounting systems and personal computer applications, excellent communication skills and the ability to work effectively with others.

Salary: From \$2,000/month depending on qualifications. A partial benefit program is available.

Please submit a comprehensive résumé by 29 March to: Personnel Services, 240 Assiniboia Hall, University of Alberta, Edmonton, Alberta T6G 2E7.

Non-Academic Positions

The non-academic hiring freeze has been partially lifted effective 12 February 1985.

Until 31 March 1985, only current non-academic, operating funded employees and layed-off staff, subject to recall, may be considered for regular appointment on these posted vacant positions (). Other applicants may be considered for appointment on a Term basis only to 31 March 1985.*

Trust/Research funded positions are exempt from Hiring Freeze policies.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 14 March 1985. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 14 March 1985.

Clerk Steno II (Trust) (\$1,161-\$1,442)

Extension—Legal Resource Centre

Laboratory Assistant II (\$1,161-\$1,442) Provincial Laboratory of Public Health

***Clerk Steno III (\$1,294-\$1,625)** Geography

***Clerk Steno III (\$1,294-\$1,625)** Student Counseling Services

***Clerk Typist III (\$1,294-\$1,625)** Political Science

***Medical Stenographer (\$1,442-\$1,842)** Medicine

***Secretary (\$1,442-\$1,625)** Centre for the Study of Mental Retardation

Library Assistant III (Trust) (\$1,697-\$2,182)

Extension—Legal Resource Centre

Technician I (Trust) (\$1,497-\$1,920) Anatomy

Technician I (Trust/Term) (\$1,497-\$1,920) Medicine

***Electronics Technician I (\$1,561-\$2,003)** Technical Services

Biochemistry Technician II (Trust) (\$1,697-\$2,182) Biochemistry

Technician II (Trust/Term) (\$1,697-\$2,182) Medicine

Technologist I (Trust) (\$1,697-\$2,182) Foods and Nutrition

***Accounting Assistant (\$1,842-\$2,378)** Office of the Comptroller

***Technician III (\$1,920-\$2,486)** Pharmacology

Programmer Analyst II (Trust) (\$2,182-\$2,834) Computing Science

For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library, telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Rent - Sabbatical house, four bedrooms plus study plus two bedrooms in basement. Belgrave (1 km from campus), August 1985-July 1986. 432-3637, 436-2627.

Rent - Low rent to careful tenants. Twelve-minute drive to University. Three-bedroom sabbatical house, with or without vehicle. Furnished or partially furnished. May 1985-September 1986. 471-5711.

Private sale - Second level condominium, 900', master-bedroom, den, fireplace, dishwasher, washer/dryer, on University bus route, five minutes from West Edmonton Mall, kitty-corner to Safeway/shopping mall. 487-8285.

Sale - By owner. Three-storey, family home. 2,700' of comfortable living. Old fashioned charm. Attractive terms for qualified buyer. \$239,900. Phone 433-6169.

Rent - Newer, three-bedroom, bi-level home. Completely furnished, large sundeck, single garage, walking distance to University and Hospital. 1 May-1 September. 998-3988.

Sale - Windsor Park. Well-maintained, two-storey, three plus bedrooms. Remodeled kitchen and bathrooms. Hardwood floors. Large lot with south backyard. Finished basement. 433-5939 after 6 p.m.

Rent - One-bedroom, basement suite, semi-furnished, five blocks from campus. Available 1 April. \$295, including utilities. 433-7567.

Rent - Six-bedroom house, three blocks from University. Large kitchen, dining room, living room, three-car pad, fenced yard, fully furnished, car available. 1 July-31 August. 10953 86 Ave. 433-9670, 483-4394.

For sale - Garneau. Two-bedroom bungalow. New wiring, plumbing, bathroom fixtures and new kitchen cupboards. Garage. Hardwood floors throughout. Super location. Call Dorothy Leathem, Royal LePage. (Bus.) 437-7480, (res.) 434-0332.

Sale - Just reduced, one-bedroom condominium.

Belgravia. Century 21 Byron's. Bev, 437-1430.
Rent - House, south side, furnished, two bedrooms upstairs, one downstairs, two-car garage.
\$550/month. Available 1 July 1985. (403) 433-9248.

Sale - Calgary, two-storey house, Varsity Estate area NW, on golf course, 2,700', four bedrooms, three-car garage, fireplaces. \$220,000. Evenings, 1-286-4043, 486-5415. Days, 1-284-6893, 432-8882.

For rent - Furnished home, Saskatchewan Drive. 428-0560, 439-3833.

For sale - Martin Estates. Two-bedroom bungalow, fireplace, oak kitchen cabinets, two-bedroom suite. Asking \$76,900. New listing. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

For sale - University, McKernan. Three-bedroom, semi with suite. Quiet crescent location. New listing. \$86,500. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

For sale - Belgravia. Immaculate, two-bedroom bungalow. Beautiful location, new listing. \$74,500. Ed Lastiwka, Royal LePage, 437-7480, 437-4984.

Trade - Arizona State University professor on sabbatical desires house trade with U of A professor. January-May 1986. Family home with pool available in Mesa, Arizona. Information: 432-2830, 462-1958.

Rent - July 1985 to July 1986. Large, executive home, fully furnished. No cats, smokers. 437-2923 afternoons.

For rent - Belgravia, furnished, four-bedroom house. May-August or portion of period. Rent negotiable. 436-0181.

Rent - Spring and Summer Sessions. Three-

bedroom, furnished house. Walk to University. Phone Mrs. Hollana, 427-9246, before 4:30 p.m., 433-1978 after 4:30 p.m.

Rent - Sabbatical, July 1985-June 1986. Four bedrooms, furnished house, west end, car available, twelve minutes to University. 432-8717.

Housesitter near University Farm. Convenient location. 31 May-7 July. 435-2828.

Sale - Marvelous Maui in May. Luxury, two-bedroom condo. Available Kaanapali Beach area. Full month of May. Contact R. Pogue, Calgary, 243-9942, or Bill Quick, 432-4215, for information.

Sale - Large, semi-bungalow. Parkallen area. Four bedrooms plus basement suite. Asking \$84,900. Call Ken Smith, ReMax Real Estate, 463-1000.

Rent - Furnished house, Belgravia, facing south, park. Two-storey, five-bedroom, study, finished basement. July 1985 to August 1986. Phone 436-0149 or 432-4221.

Rent - Three-bedroom, furnished house. Big yard, driveway. Rent negotiable. Castledowns. July 1985-July 1987. 457-1893.

Share - Beautiful, furnished townhouse. Quiet. \$300/month. 436-2950.

Accommodations wanted

Professional couple with two children wish to rent 3-4 bedroom home in University, Glenora, North Glenora or Westmount areas. 455-4509 (days), 1-674-3011 (evenings).

Goods for sale

Rent to own, new Royal electronic typewriters or purchase used selectrics at Mark 9, HUB Mall, 432-7936.

Rare, Siberian squirrel coat: extra lightweight, approximate size 10 petite. Value \$2,000, selling price \$500. 435-0891.

Bunting-receiving cover for newborn. Beautiful gift. White, ribbons in color of choice. Washable, no iron. \$35.99. Box 1743, Edmonton, Alberta T5J 2P1.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661.

Quaker worship, Sundays, 11 a.m. Soroptimist Room, YWCA. 100 Ave. 103 St.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

TRAVEL CUTS

CORPORATE SERVICES

TRAVEL CUTS is fully appointed to make reservations for airlines, car rentals, hotels and tours — both international and domestic. We are fully computerized and our staff is knowledgeable about all aspects of travel. We offer you:

- a separate office with full-time staff working only on faculty travel
- convenient on-campus location
- a company with 15 years in the travel industry
- support of 14 Canadian offices and one in London, England.

Canadian Universities Travel Service Ltd
Main Floor, SUB 432-2756

UNIVERSITY OF ALBERTA & EDMONTON PUBLIC SCHOOL BOARD

AUCTION

SATURDAY, APRIL 13th - 9:00 a.m.

**Watch FOLIO for listing of
items available!!**

MTS Textformatted typing in all sciences (formulas) and medicine. For humanities and literature in: English, French, German, Italian, Spanish, Latin and Greek. Gabriella, 432-4144. Thesis special - Word processing, \$15/hour. City Secretarial Service. 432-0138.

Professional Typing Services. Correspondence, résumés. Thesis reports, term papers, etc. reasonable rates, south side. Sandi, 437-7058.

Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chirogymnastics, interferential electrotherapy. 436-8059. 11610 75 Ave.

Outdoor science camp for 10-14 year olds, 7-12 and 21-26 July, Ministik Hills Field Study Centre. \$60 per week. 1-662-2280.

"Springtime in the Rockies." Winter's over and the rates are lowered at the Black Cat Ranch. Hiking, good food, hospitality. Phone 866-2107.

Black Cat Ranch, Box 976, Hinton, Alberta T0E 1B0.

Competent house cleaning service, licenced and insured. For information, phone 424-8490.

Word processing, my home, résumés, term papers, theses, letters, agreements, etc. 456-3873 (Castledowns).

Szechuan cuisine, 15525 Stony Plain Road. Lunch, 11:30 a.m.-2:30 p.m. Monday-Friday. Supper, 5 p.m.-10:30 p.m. Sunday-Thursday, 5 p.m.-12:30 a.m. Friday-Saturday. For reservations and take-out, call 486-1136. Parking available.

Personal Tax Returns, prepared your home or mine by professional accountant. Reasonable. Phone Mr. Romalo, 483-2035, evenings or anytime on weekends.

Barristers, Solicitors & Notaries Public 400, 8540 109 Street

Robert M. Fulton

Family Law
Accident Claims

(preferred practice)
432-1860

Barry C. McGuire
(prof. corp.)

Real Estate
Wills and Probate



Time Is Money!

**Save time with a
Co-operative mortgage.**

At the Co-operative, we know your time is valuable. You want financial services that are convenient and competitive. That's why we've designed a time-saving method for arranging a mortgage. With just one phone call we can answer your questions and obtain the preliminary mortgage details. No appointments, no interviews. Just one, short phone call. That's all it takes to get the mortgage process started. Then we send you a mortgage application.

A Co-operative mortgage is more than convenient:

- competitive interest rates
- no prepayment penalties
- up to 85% financing
- no application or processing fees

When time is money, call the financial institution that saves you time.

**TEACHERS' INVESTMENT
AND HOUSING CO-OPERATIVE**

11010 - 142nd St., Edmonton, Alberta T5N 2R1
Telephone: **453-3902** (Collect calls are accepted)

Technology Transfer Tour to Japan

People interested in participating in a tour to Japan in late June and early July are invited to attend an open organization meeting on Tuesday 26 March at 4 p.m. in Pharmacy 2118. Purpose of the meeting is to explore options, make agenda plans and discuss financing.

Organized by *Mr. Bob Armit* (Research Services)
Dr. Jim Dunn (Business)
Dr. Ron Micetich (Pharmacy)

Inquiries to *Bob Armit* 432-5360